



Facility Summary

Client: Vernon Public Schools

Facility: Northeast School

Facility Data

Address 1	69 East Street
Address 2	-
City	Vernon
State	CT
ZIP	-
Type of Facility	School
Square Footage	44,593
Contact Person	Bill Peluso

Roof Sections

Name	Date Installed	Square Footage	Roof Access
AI - BUR		44,593	Ladder Needed



since 1895

ROOF MEASUREMENT REPORT

69 East Street, Vernon, CT 06066

Report Contents



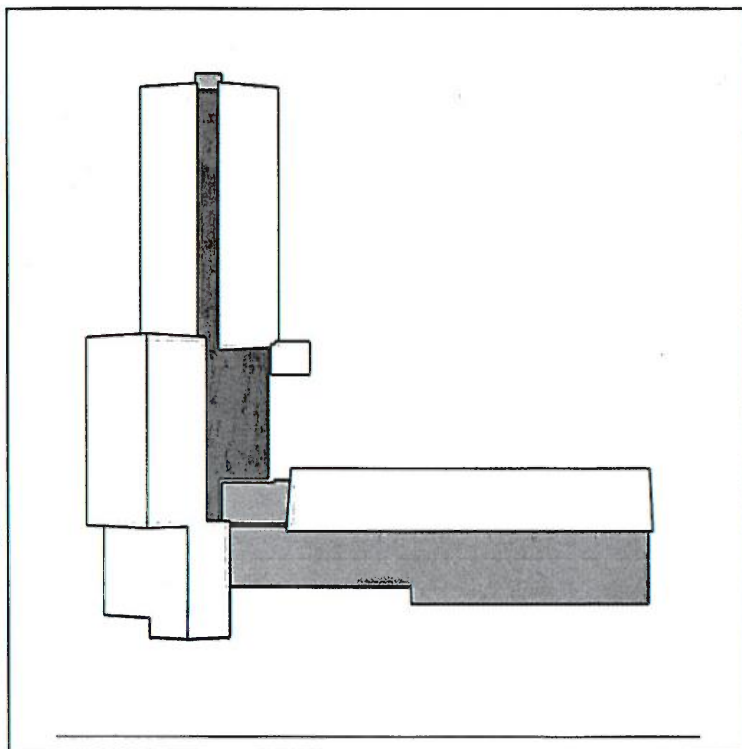
Images	1
Length Diagram.....	4
Pitch Diagram.....	5
Area Diagram	6
Penetrations Diagram	7
Notes Diagram	8
Property Info.....	9
Report Summary.....	10

Report Details

Date:	02/28/2013
Report:	5464574

Roof Details

Total Area:	44,593 sq ft
Total Roof Facets:	11
Predominant Pitch:	2/12
Number of Stories:	Unknown
Total Ridges/Hips:	174 ft
Total Valleys:	0 ft
Total Rakes:	427 ft
Total Eaves:	1,781 ft
Total Penetrations:	33
Total Penetrations Perimeter:	449 ft
Total Penetrations Area:	382 sq ft



In this 3D model, facets appear as semi-transparent to reveal overhangs.

Contact Us

Contact:	Tim Mulcahy
Company:	The Garland Company Inc.
Address:	3800 East 91st St Cleveland OH 44105
Phone:	216-641-7500

Measurements provided by www.eagleview.com

Certified Accurate

www.eagleview.com/Guarantee.aspx

This document is provided under License by EagleView Technologies to the requestor for their Internal Use Only subject to the terms and conditions previously agreed to by the requestor when they registered for use of EagleView Technologies Services. It remains the property of EagleView Technologies and may be reproduced and distributed only within the requestor's company. Any reproduction or distribution to anyone outside of the requestor's company without EagleView's prior written permission is strictly prohibited. All aspects and handling of this report are subject to the Terms and Conditions previously agreed to by the requestor.

Copyright ©2008-2013 EagleView Technologies, Inc. - All Rights Reserved- Covered by U.S. Patent Nos. 8,078,436; 8,145,578; 8,170,840 and 8,209,152. Other Patents Pending.

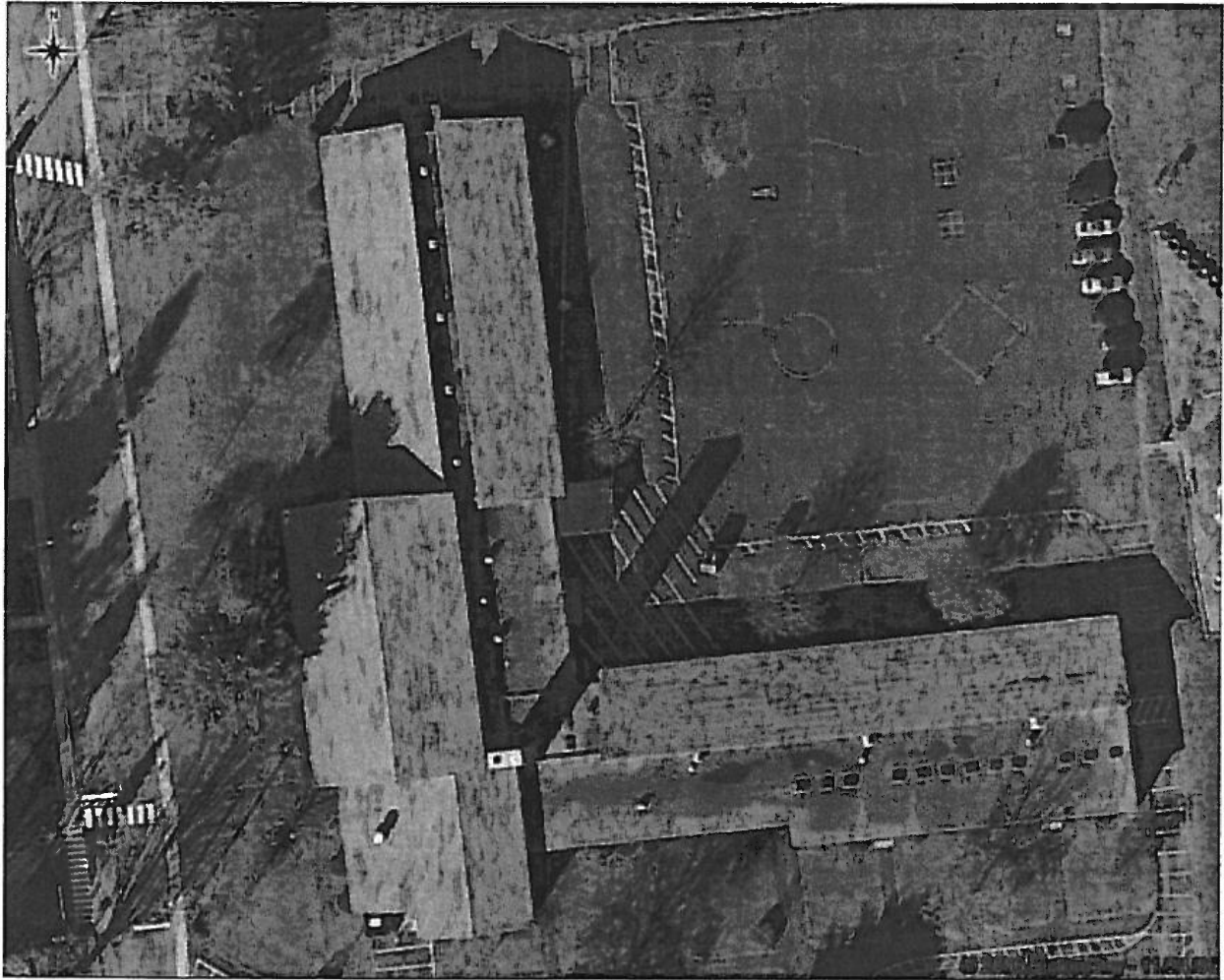




ROOF MEASUREMENT REPORT

REPORT IMAGES

The following aerial images show different angles of this structure for your reference.



Top View

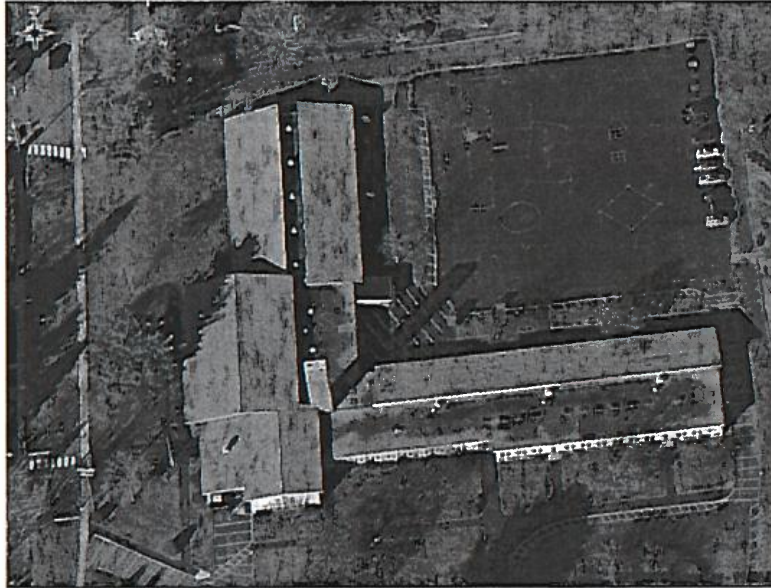
This document is provided under License by EagleView Technologies to the requestor for their Internal Use Only subject to the terms and conditions previously agreed to by the requestor when they registered for use of EagleView Technologies Services. It remains the property of EagleView Technologies and may be reproduced and distributed only within the requestor's company. Any reproduction or distribution to anyone outside of the requestor's company without EagleView's prior written permission is strictly prohibited. All aspects and handling of this report are subject to the Terms and Conditions previously agreed to by the requestor.

Copyright ©2008-2013 EagleView Technologies, Inc. - All Rights Reserved - Covered by U.S. Patent Nos. 8,078,436; 8,145,578; 8,170,840 and 8,209,152. Other Patents Pending.

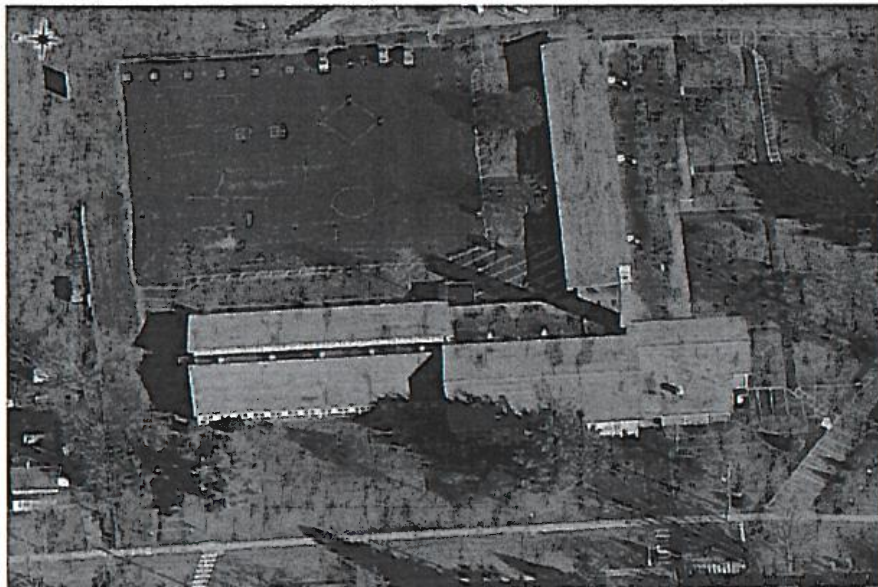


ROOF MEASUREMENT REPORT

REPORT IMAGES



North View



East View

This document is provided under License by EagleView Technologies to the requestor for their Internal Use Only subject to the terms and conditions previously agreed to by the requestor when they registered for use of EagleView Technologies Services. It remains the property of EagleView Technologies and may be reproduced and distributed only within the requestor's company. Any reproduction or distribution to anyone outside of the requestor's company without EagleView's prior written permission is strictly prohibited. All aspects and handling of this report are subject to the Terms and Conditions previously agreed to by the requestor.

Copyright ©2008-2013 EagleView Technologies, Inc. - All Rights Reserved - Covered by U.S. Patent Nos. 8,078,436; 8,145,578; 8,170,840 and 8,209,152. Other Patents Pending.



ROOF MEASUREMENT REPORT

REPORT IMAGES



South View



West View

This document is provided under License by EagleView Technologies to the requestor for their Internal Use Only subject to the terms and conditions previously agreed to by the requestor when they registered for use of EagleView Technologies Services. It remains the property of EagleView Technologies and may be reproduced and distributed only within the requestor's company. Any reproduction or distribution to anyone outside of the requestor's company without EagleView's prior written permission is strictly prohibited. All aspects and handling of this report are subject to the Terms and Conditions previously agreed to by the requestor.

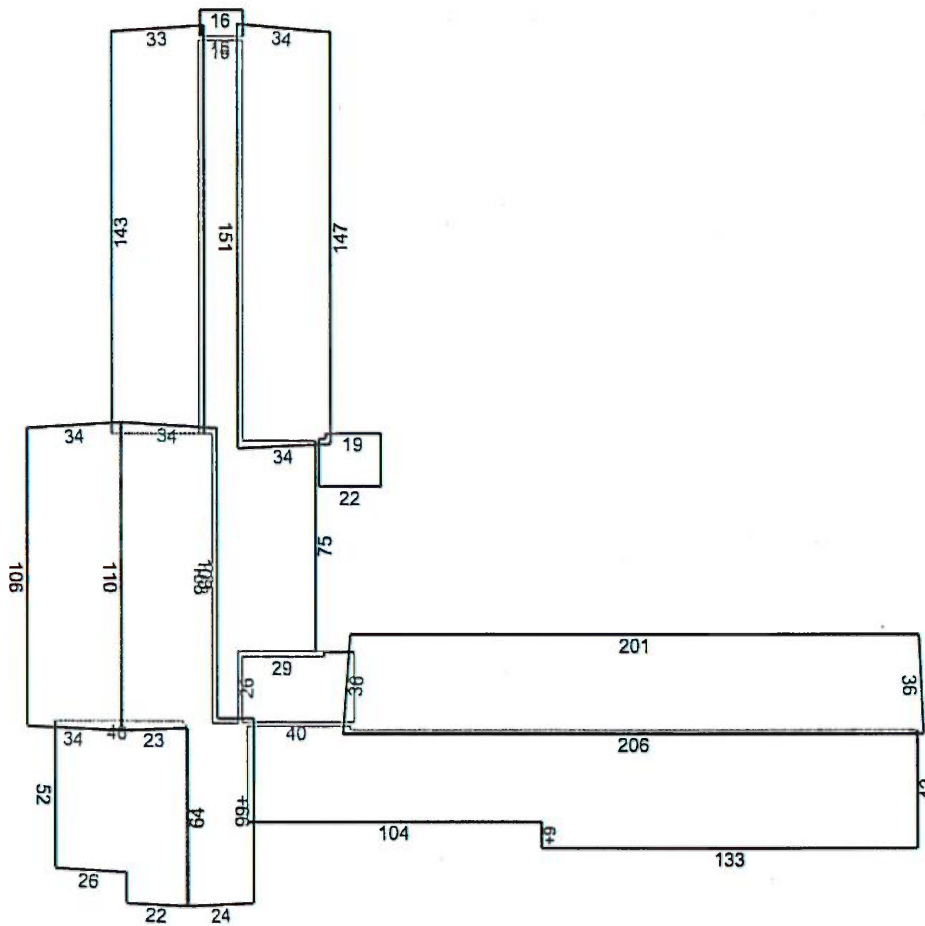
Copyright ©2008-2013 EagleView Technologies, Inc. - All Rights Reserved - Covered by U.S. Patent Nos. 8,078,436; 8,145,578; 8,170,840 and 8,209,152. Other Patents Pending.



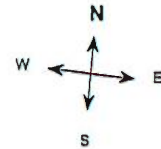
ROOF MEASUREMENT REPORT

LENGTH DIAGRAM

Total Line Lengths: Ridges = 174 ft Valleys = 0 ft Flashing = 902 ft Eaves = 1,781 ft
Hips = 0 ft Rakes = 427 ft Step flashing = 82 ft Parapets = 0 ft



© 2012 EagleView Technologies, Inc.



Note: This diagram contains segment lengths (rounded to the nearest whole number) over 5 feet. In some cases, segment labels have been removed for readability. Plus signs preface some numbers to avoid confusion when rotated (e.g. +6 and +9).

This document is provided under License by EagleView Technologies to the requestor for their Internal Use Only subject to the terms and conditions previously agreed to by the requestor when they registered for use of EagleView Technologies Services. It remains the property of EagleView Technologies and may be reproduced and distributed only within the requestor's company. Any reproduction or distribution to anyone outside of the requestor's company without EagleView's prior written permission is strictly prohibited. All aspects and handling of this report are subject to the Terms and Conditions previously agreed to by the requestor.

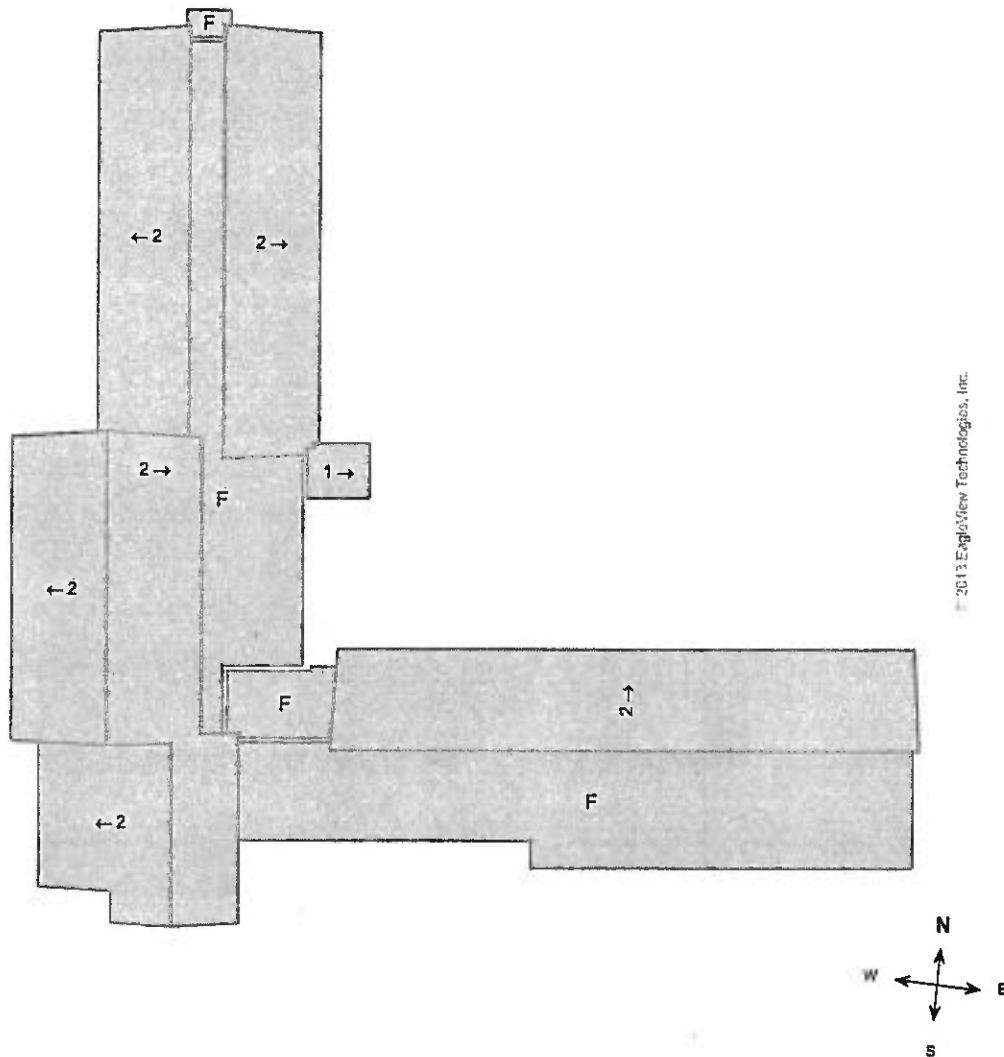
Copyright ©2008-2013 EagleView Technologies, Inc. - All Rights Reserved - Covered by U.S. Patent Nos. 8,078,436; 8,145,578; 8,170,840 and 8,209,152. Other Patents Pending.



ROOF MEASUREMENT REPORT

PITCH DIAGRAM

Pitch values are shown in inches per foot, and arrows indicate slope direction. The predominant pitch on this roof is 2/12.



© 2013 EagleView Technologies, Inc.

Note: This diagram contains labeled pitches for facet areas larger than 20 square feet. In some cases, pitch labels have been removed for readability. Gray shading indicates flat, 1/12 or 2/12 pitches. If present, a value of "F" indicates a flat facet (no pitch).

This document is provided under License by EagleView Technologies to the requestor for their Internal Use Only subject to the terms and conditions previously agreed to by the requestor when they registered for use of EagleView Technologies Services. It remains the property of EagleView Technologies and may be reproduced and distributed only within the requestor's company. Any reproduction or distribution to anyone outside of the requestor's company without EagleView's prior written permission is strictly prohibited. All aspects and handling of this report are subject to the Terms and Conditions previously agreed to by the requestor.

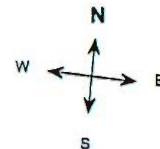
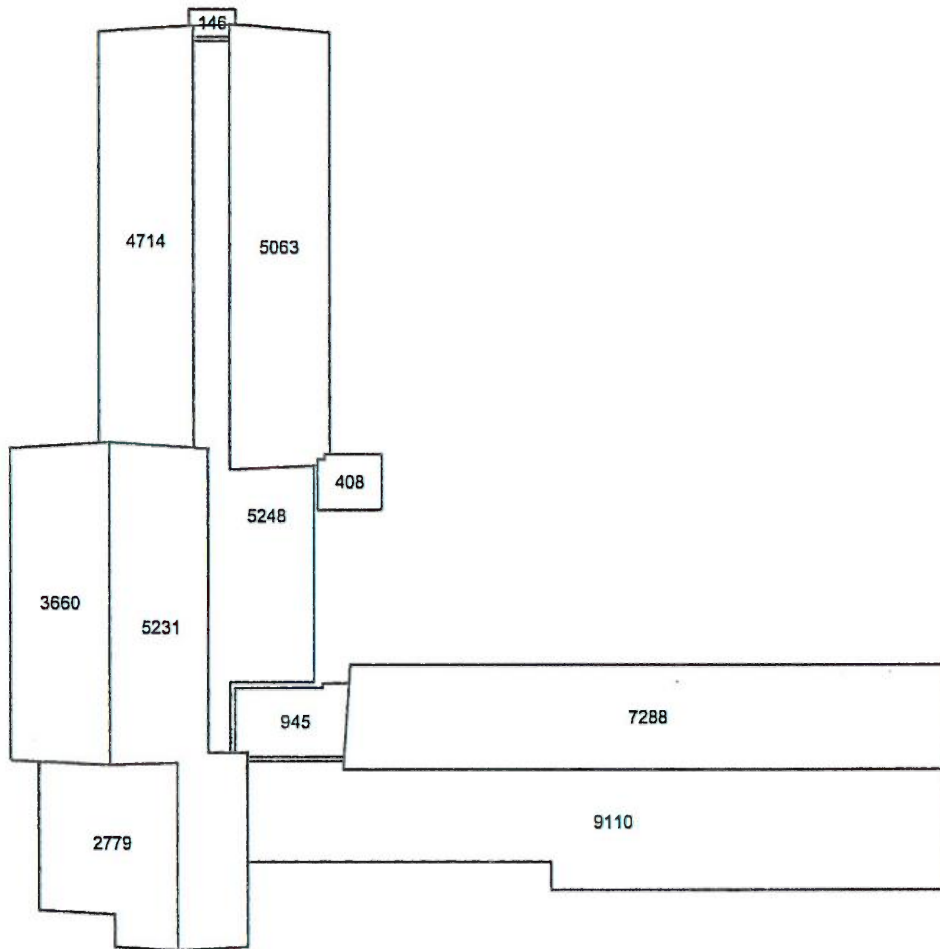
Copyright ©2008-2013 EagleView Technologies, Inc. - All Rights Reserved - Covered by U.S. Patent Nos. 8,078,438; 8,145,578; 8,170,840 and 8,209,152. Other Patents Pending.



ROOF MEASUREMENT REPORT

AREA DIAGRAM

Total Area = 44,593 sq ft, with 11 facets.



Note: This diagram shows the square feet of each roof facet (rounded to the nearest foot). The total area in square feet, at the top of this page, is based on the non-rounded values of each roof facet (rounded to the nearest square foot after being totaled).

This document is provided under License by EagleView Technologies to the requestor for their Internal Use Only subject to the terms and conditions previously agreed to by the requestor when they registered for use of EagleView Technologies Services. It remains the property of EagleView Technologies and may be reproduced and distributed only within the requestor's company. Any reproduction or distribution to anyone outside of the requestor's company without EagleView's prior written permission is strictly prohibited. All aspects and handling of this report are subject to the Terms and Conditions previously agreed to by the requestor.

Copyright ©2008-2013 EagleView Technologies, Inc. - All Rights Reserved - Covered by U.S. Patent Nos. 8,078,436; 8,145,578; 8,170,840 and 8,208,152. Other Patents Pending.



ROOF MEASUREMENT REPORT

PENETRATIONS

Penetrations Notes Diagram

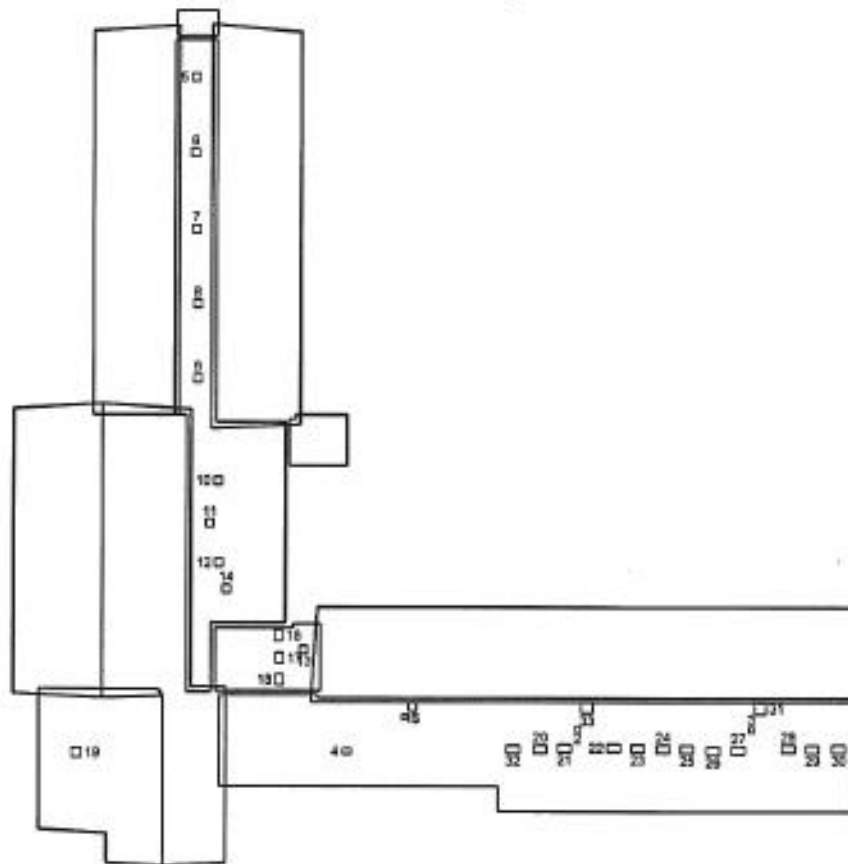
Penetrations are labeled from smallest to largest for easy reference.

Total Penetrations: 33

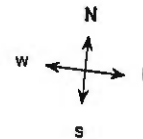
Total Penetrations Perimeter = 449 ft

Total Penetrations Area: 382 sq ft

Total Roof Area Less Penetrations = 44,211 sq ft



© 2013 EagleView Technologies, Inc.



Note: Any measured penetration smaller than 3x3 feet may need field verification. Accuracy is not guaranteed. The total penetration area is not subtracted from the total roof area.

This document is provided under License by EagleView Technologies to the requestor for their Internal Use Only subject to the terms and conditions previously agreed to by the requestor when they registered for use of EagleView Technologies Services. It remains the property of EagleView Technologies and may be reproduced and distributed only within the requestor's company. Any reproduction or distribution to anyone outside of the requestor's company without EagleView's prior written permission is strictly prohibited. All aspects and handling of this report are subject to the Terms and Conditions previously agreed to by the requestor.

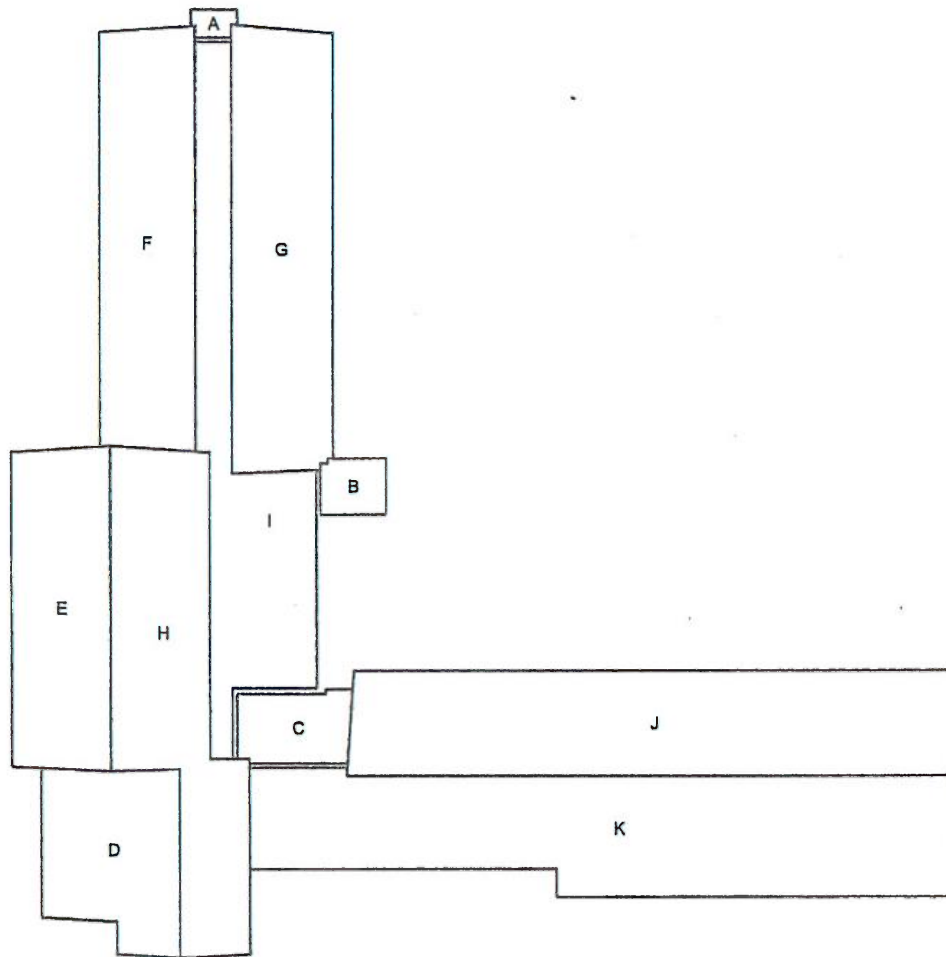
Copyright ©2008-2013 EagleView Technologies, Inc. - All Rights Reserved - Covered by U.S. Patent Nos. 8,078,436; 8,145,578; 8,170,840 and 8,209,152. Other Patents Pending.



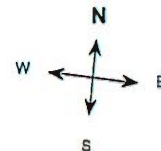
ROOF MEASUREMENT REPORT

NOTES DIAGRAM

Roof facets are labeled from smallest to largest (A to Z) for easy reference.



© 2013 EagleView Technologies, Inc.



This document is provided under License by EagleView Technologies to the requestor for their Internal Use Only subject to the terms and conditions previously agreed to by the requestor when they registered for use of EagleView Technologies Services. It remains the property of EagleView Technologies and may be reproduced and distributed only within the requestor's company. Any reproduction or distribution to anyone outside of the requestor's company without EagleView's prior written permission is strictly prohibited. All aspects and handling of this report are subject to the Terms and Conditions previously agreed to by the requestor.

Copyright ©2009-2013 EagleView Technologies, Inc. - All Rights Reserved - Covered by U.S. Patent Nos. 8,078,436; 8,145,578; 8,170,840 and 8,209,152. Other Patents Pending.



ROOF MEASUREMENT REPORT

Property Info

Property Location

Longitude = -72.4309790

Latitude = 41.8615860

Online map of property:

http://maps.google.com/maps?f=g&source=s_q&hl=en&geocode=&q=69+East+Street,Vernon,CT,06066

Property Info

Year Built: 1954

Effective Year Built: N/A *

Last Known Roof Permit: N/A

**Effective Year Built is when the property's major components were revised to meet that year's code.*

Weather Data

Last Hail Event: 6/22/2012

Hail Count: 7 †

†Last hail event is the date of the last recorded hail event (greater than or equal to 3/4") within a one-mile radius.
Hail count is the number of recorded hail events (greater than or equal to 3/4") within a one-mile radius in the past three years.

Notes

This was ordered as a commercial property. It was reported to be single structure.
There were no changes to the structure in the past four years.

This document is provided under License by EagleView Technologies to the requestor for their Internal Use Only subject to the terms and conditions previously agreed to by the requestor when they registered for use of EagleView Technologies Services. It remains the property of EagleView Technologies and may be reproduced and distributed only within the requestor's company. Any reproduction or distribution to anyone outside of the requestor's company without EagleView's prior written permission is strictly prohibited. All aspects and handling of this report are subject to the Terms and Conditions previously agreed to by the requestor.

Copyright ©2008-2013 EagleView Technologies, Inc. - All Rights Reserved - Covered by U.S. Patent Nos. 8,078,436; 8,145,578; 8,170,840 and 8,209,152. Other Patents Pending.



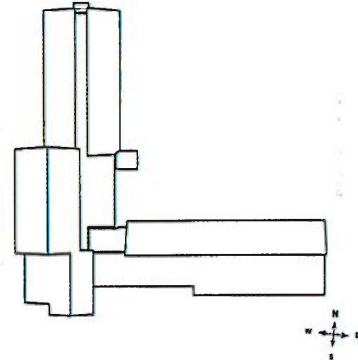
ROOF MEASUREMENT REPORT

REPORT SUMMARY

Below is a measurement summary using the values presented in this report.

Lengths, Areas and Pitches

Ridge.....174 ft (2 Ridges)
Hips.....0 ft (0 Hips)
Valleys.....0 ft (0 Valleys)
Rakes*.....427 ft (16 Rakes)
Eaves/Starter**.....1,781 ft (24 Eaves)
Drip Edge (Eaves + Rakes).....2,208 ft (40 Lengths)
Parapet Walls.....0 ft (0 Lengths)
Flashing.....902 ft (18 Lengths)
Step Flashing.....82 ft (3 Lengths)
Total Area.....44,593 sq ft
Total Penetrations Area.....382 sq ft
Total Roof Area Less Penetrations.....44,211 sq ft
Total Penetrations Perimeter.....449 ft
Predominant Pitch.....2/12



Total Roof Facets = 11

*Rakes are defined as roof edges that are sloped (not level).

** Eaves are defined as roof edges that are not sloped and level.

Areas per Pitch

Roof Pitches	0/12	1/12	2/12
Area (sq ft)	15449.1	407.6	28736
% of Squares	34.6%	0.9%	64.4%

The table above lists each pitch on this roof and the total area and percent (both rounded) of the roof with that pitch.

Waste Calculation Table

Waste %	0%	10%	12%	15%	17%	20%	22%
Area (sq ft)	44,593	49,052	49,944	51,282	52,174	53,512	54,403
Squares	445.9	490.5	499.4	512.8	521.7	535.1	544.0

This table shows the total roof area and squares (rounded up to the nearest decimal) based upon different waste percentages. The waste factor is subject to the complexity of the roof, individual roofing techniques and your experience. Please consider this when calculating appropriate waste percentages. Note that only roof area is included in these waste calculations. Ridge, hip, valley, and starter lengths may require additional material.



ROOF MEASUREMENT REPORT

Penetration Table	1-3	4	5-15	16-18	19	20	21-32	33
Area (sq ft)	4	7.7	9	12	12.8	15.6	15	18
Perimeter (ft)	8	11.4	12	14	14.4	15.8	16	17

Any measured penetration smaller than 3x3 feet may need field verification. Accuracy is not guaranteed. The total penetration area is not subtracted from the total roof area.

This document is provided under License by EagleView Technologies to the requestor for their Internal Use Only subject to the terms and conditions previously agreed to by the requestor when they registered for use of EagleView Technologies Services. It remains the property of EagleView Technologies and may be reproduced and distributed only within the requestor's company. Any reproduction or distribution to anyone outside of the requestor's company without EagleView's prior written permission is strictly prohibited. All aspects and handling of this report are subject to the Terms and Conditions previously agreed to by the requestor.

Copyright ©2008-2013 EagleView Technologies, Inc. - All Rights Reserved - Covered by U.S. Patent Nos. 8,078,436; 8,145,578; 8,170,840 and 8,209,152. Other Patents Pending.



Construction Details

Client: Vernon Public Schools

Facility: Northeast School

Roof Section: All - BUR

Roof Info

Year Installed	-	Square Footage	44,593
Slope Dimension	varies	Roof Height	12'
Roof Access	Ladder Needed	System Type	-

Notes

There are some areas of roof that are flat and there are other areas that are sloped.